Comparisons of Job Characteristics

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.0	9.5	<<	Extensive education and/or training may be required
Mathematics	9.2	13.9	11.5	<	Expanded education and/or training may be required
Design	5.2	10.4	7.7	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.2	13.1	>>	Current knowledge level is likely more than sufficient
Engineering and Technology	5.7	8.2	5.7	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	9.2	11.2	>	Skill level is likely sufficient
Quality Control Analysis	5.9	8.9	9.1	0	Current skill level may be sufficient
Operation and Control	5.4	8.6	9.7	>	Skill level is likely sufficient
Troubleshooting	4.5	6.6	8.0	>	Skill level is likely sufficient
Equipment Selection	3.3	6.5	6.9	0	Current skill level may be sufficient
Equipment Maintenance	3.5	6.2	7.9	>	Skill level is likely sufficient

The maximum possible rating is 25.

Abilities	Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	11.9	11.5	0	Current ability level may be sufficient
Finger Dexterity	7.6	10.3	9.0	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.2	10.2	0	Current ability level may be sufficient
Reaction Time	4.8	10.1	13.3	>>	Current ability level is likely more than sufficient
Static Strength	5.0	8.8	9.1	0	Current ability level may be sufficient
Trunk Strength	5.7	8.4	9.5	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Examine products or work to verify conformance to specifications	15
Install equipment or attachments on machinery or related structures	48
Load or unload material or workpiece into machinery	34
Maintain or repair industrial or related equipment/machinery	39
Monitor production machinery/equipment operation to detect problems	27
Move or fit heavy objects	8
Operate hoist, winch, or hydraulic boom	34
Operate lathes	76
Read blueprints	10
Read production layouts	66
Read specifications	23
Read technical drawings	7
Read work order, instructions, formulas, or processing charts	9
Set up computer numerical control machines	69
Set up production equipment or machinery	51
Understand technical operating, service or repair manuals	6

Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a
Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042) **Associated Occupation: Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)**	
Tools and Technologies	**Exclusivity**
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.